

WATER TEST REAGENT

For Laboratory Use Only

Form G-1 4/78

CDB

SMALL VOLUMES USED
CONTAINER SIZE RANGE
2 OUNCE - 1 GALLON MAXIMUM

MATERIAL SAFETY DATA SHEET

Section 1 - PRODUCT IDENTIFICATION

MANUFACTURER'S NAME DEARBORN CHEMICAL CO., Subsidiary, W. R. Grace & Co.	EMERGENCY PHONE NO. 312/438-8241
ADDRESS 300 Genesee St., Lake Zurich, IL 60047	
CHEMICAL NAME AND SYNONYMS Nitrite indicator	TRADE NAME OR CODE IDENT. Code 590

Section 2 - INGREDIENTS

CAS No.	%	EXPOSURE CRITERIA
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NON - HAZARDOUS MATERIAL

The product identified in this Data Sheet is NOT a hazardous material within the meaning of Title 29, Code of Federal Regulations 1915, 1916, 1917.

Ferrioin aqueous solution

100.0%

Section 3 - PHYSICAL DATA

BOILING POINT, 760mm Hg	<i>u/r</i>	MELTING POINT	<i>n/a</i>
SPECIFIC GRAVITY (H ₂ O = 1)	<i>u</i>	VAPOR PRESSURE	<i>u/r</i>
VAPOR DENSITY (AIR = 1)	<i>u</i>	SOLUBILITY IN H ₂ O, % BY WT.	Complete
% VOLATILES BY VOLUME	<i>u</i>	EVAPORATION RATE, _____ = 1	<i>u/r</i>
APPEARANCE AND ODOR Dark red liquid		pH	<i>u/r</i>

Section 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (and Method Used) None	FLAMMABLE LIMITS in AIR, % by VOLUME LOWER UPPER	AUTO IGNITION TEMPERATURE <i>n/a</i>
EXTINGUISHING MEDIA <input type="checkbox"/> Water Fog <input type="checkbox"/> Foam <input type="checkbox"/> CO ₂ <input type="checkbox"/> Dry Chemical <input type="checkbox"/> Other		

SPECIAL FIRE FIGHTING PROCEDURES

none

UNUSUAL FIRE AND EXPLOSION HAZARD

none

Section 5 - REACTIVITY DATA

STABILITY (Normal Conditions) <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	CONDITIONS TO AVOID <i>none</i>
INCOMPATIBILITY (Materials to Avoid) <i>none</i>	

HAZARDOUS DECOMPOSITION PRODUCTS

none

HAZARDOUS POLYMERIZATION <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	CONDITIONS TO AVOID <i>none</i>
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(over)

• Section 6 - HEALTH HAZARD INFORMATION
EXPOSURE LIMIT

Not established

EFFECTS OF OVEREXPOSURE

INHALATION

Not expected

INGESTION

Not expected. Not for internal use.

SKIN OR EYE CONTACT

Wash skin and eyes with clear water. If eye irritation occurs, contact physician.

EMERGENCY AND FIRST AID PROCEDURES

see above

• Section 7 - SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS

Mechanical

RESPIRATORY PROTECTION (Specify Type)

None

EYE PROTECTION

Safety glasses

GLOVES (Specify Type)

None

OTHER PROTECTIVE CLOTHING AND EQUIPMENT (Specify Type)

• Section 8 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Use absorbent paper towel and discard in waste container. Rinse area of spill with water

WASTE DISPOSAL METHOD

Dispose small amounts to drain using large amount of water to dilute. Dispose of larger amounts by placing capped bottle in container for authorized chemical scavenger service.

• Section 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Protect container from physical damage. Keep closed when not in use.

OTHER PRECAUTIONS

Shipping Name: DOT Chemicals, NOI, Water Testing Reagents - NOT RESTRICTED

IATA

Prepared By W. M. Morris

Date: 8/79